

### Amendments to the Claims:

Please amend the claims as follows:

1. (Currently Amended) A light module, comprising:

a light emitting diode assembly defining a front side light emitting diode array and a rear side, the rear side in thermal communication with a thermally conductive spreader;

a thermally conductive elongated core in thermal communication with the conductive spreader, the thermally conductive core providing means for an electrical conductor to be in operative communication with the front side light emitting diode array; and

a plurality of appendages disposed ~~about~~ around the thermally conductive core, the plurality of appendages in thermal communication with the conductive spreader, and extending in one of a parallel and perpendicular direction in relation to a longitudinal axis of the thermally conductive core.

2. (Original) The light module as set forth in claim 1, further comprising:

a housing surrounding the front side light emitting diode array; and

an optic removably affixed to the housing opposite the front side light emitting diode array.

3. (Currently Amended) ~~The~~ A light module ~~as set forth in claim 2,~~ including:

a light emitting diode assembly defining a front side light emitting diode array and a rear side, the rear side in thermal communication with a thermally conductive spreader;

a plurality of appendages in thermal communication with the conductive spreader;

a housing surrounding the front side light emitting diode array; and

an optic removably affixed to the housing, opposing the front side light emitting diode array, wherein the optic comprises a plurality of lenslets corresponding to the light emitting diodes in the front side light emitting diode array.

4. (Currently Amended) The light module as set forth in claim 2 ~~3~~, wherein the housing provides a selectively variable spacing between the optic and the front side light emitting diode array.

5. (Currently Amended) The light module as set forth in claim 1, ~~where~~ wherein the plurality of appendages ~~comprise~~ comprises fins surroundingly attached to the thermally conductive core.

6. (Cancelled)

7. (Currently Amended) The light module as set forth in claim 1, ~~where~~ wherein the light emitting diode assembly comprises a number of light emitting diodes, each light emitting diode disposed in a shaped recess, the recess and light emitting diode covered with a lens.

8. (Currently Amended) The light module as set forth in claim 1, ~~where~~ wherein the light emitting diode assembly comprises individually packaged light emitting diode elements.

9. (Currently Amended) The light module as set forth in claim 8, ~~where~~ wherein the individually packaged light emitting diode elements are secured in thermal communication to the thermally conductive spreader.

10. (Currently Amended) The light module as set forth in claim 1, ~~where~~ wherein the light module has a thermal resistivity of less than 40 degrees Centigrade per watt.

11. (Currently Amended) The light module as set forth in claim 1, ~~where~~ wherein a physical size and shape of an exterior of the thermally conductive core and the electrical conductor are ~~adapted~~ designed to be accommodated in a fixture selected from ~~the set~~ a group consisting of MR-style fixtures and PAR-style fixtures.

12. (Currently Amended) The light module as set forth in claim 1, ~~where~~ wherein the front side light emitting diode array selectively produces saturated color light, the saturated color light being produced by the light emitting diodes emitting a narrow band light.

13. (Currently Amended) The light module as set forth in claim 1, ~~where~~ wherein the front side light emitting diode array selectively produces white light.

14. (Currently Amended) The light module as set forth in claim 1, ~~where~~ wherein the front side light emitting diode array selectively produces desaturated colors based on a mixture from a variety of saturated color LEDs.

15. (Currently Amended) The light module as set forth in claim 1, ~~where~~ wherein the front side light emitting diode array selectively produces at least 50 lumens of light.

16. (Original) The light module as set forth in claim 1, further comprising individually powerable sets of diodes in the front side light emitting diode array.

17. (Currently Amended) A light emitting diode assembly including a light emitting face supported by a body through which electrical connection elements pass, the body comprising:

a thermally conductive elongated core in thermal communication with the light emitting face, the thermally conductive core providing a path for the electrical connection elements to be in electrical communication with light emitting diodes in the light emitting face; and

a plurality of thermally conductive elongated attachments surrounding the thermally conductive core, the plurality of attachments being in thermal communication with the light emitting diode assembly.

18. (Currently Amended) The light emitting diode assembly as set forth in claim 17, ~~where~~ wherein the plurality of thermally conductive attachments ~~comprise~~ comprises fins attached to the thermally conductive core.

19. (Currently Amended) The light emitting diode assembly as set forth in claim 18, ~~where~~ wherein the fins comprise an attachment edge attached to the thermally conductive core parallel to a central axis of the thermally conductive core.

20. (Currently Amended) The light emitting diode assembly as set forth in claim 17, ~~where~~ wherein the thermally conductive attachments comprise elongated pillars attached to a side opposite the light emitting face.

21. (Currently Amended) A lamp for use in connection with spot module platforms, said lamp comprising:

a plurality of LEDs arranged in an LED assembly having opposing forward and rearward facing sides, said forward facing side selectively providing one of colored and white illumination from the LEDs when power is supplied thereto, the colored illumination selectively being one of saturated and unsaturated color;

~~a heat sink in thermal communication with the rearward facing side of the LED assembly, said heat sink~~ arranged to draw heat from the LEDs, the heat sink including a thermally conductive base in thermal contact with the rearward facing side of the LED assembly and a thermally conductive core extending from the thermally conductive base in a direction away from the LED assembly; and,

a heat dissipating means in thermal communication with the heat sink, wherein said heat dissipating means dissipates heat from the heat sink via convection and includes a plurality of members being interference fit with the thermally conductive core.

22. (Currently Amended) The lamp according to claim 21, ~~wherein the heat dissipating means includes a plurality of members having exposed surface areas, said~~

~~members being in thermal communication with the heat sink~~ LEDs are disposed in reflector wells.

Claims **23-24** (Cancelled)

**25.** (New) The lamp according to claim 21, wherein the saturated color light is produced by the LEDs emitting a narrow wavelength light.

**26.** (New) The lamp according to claim 25, wherein the desaturated color is produced by mixing the LEDs producing a variety of saturated colors.